- The modem of claim 16 wherein said MCU further comprising transfer registers 18. for storing said data.
- The modem of claim 16 further comprising a physical channel interface for 19. Transforming serial data from said source to parallel data at said MCU and parallel data from said MCU to serial data transmitted to said receiver.

## **REMARKS**

Claims 5-19, all fully supported by the originally filed specification, have been added by this amendment. Claims 1-19 are now pending in the application. Examination of claims 1-19 is requested.

Respectfully submitted,

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